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| FORM PTO-1390 (REV. 01-2003)      US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE   |   | ATTORNEY'S DOCKET NUMBER<br>122070  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>New U.S. National Stage of PCT/GB03/02915<br><div style="font-size: 2em; font-weight: bold; text-align: center;">107518918</div> |
| INTERNATIONAL APPLICATION NO.<br>PCT/GB03/02915   | INTERNATIONAL FILING DATE<br>July 7, 2003 | PRIORITY DATE CLAIMED<br>July 5, 2002   |
| TITLE OF INVENTION<br>LASER CALIBRATION APPARATUS   |   |   |
| APPLICANT(S) FOR DO/EO/US<br>David Roberts MCMURTRY; Raymond John CHANEY; Mark Adrian Vincent CHAPMAN; Stephen Mark ANGOOD  |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input checked="" type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |   |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |   |   |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Transmittal of Power of Attorney and Statement</li> </ol>   |   |   |

| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)<br>New U.S. National Stage of<br>PCT/GB03/02915 <b>07518918</b>  | INTERNATIONAL APPLICATION NO.<br>PCT/GB03/02915 | ATTORNEY'S DOCKET NUMBER<br>122070  |              |                        |   |  |          |              |              |      |    |        |              |              |      |           |     |              |                    |      |           |            |     |                    |  |     |            |     |            |  |                                      |  |  |            |        |                                      |  |  |  |        |  |  |   |  |   |  |                        |    |  |          |    |  |  |  |                               |  |  |
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| 21. <input type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b><br>Basic National Fee ..... \$ 300.00<br><br>Search Fee ..... \$ 500.00<br><br>Examination Fee ..... \$ 200.00<br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>   |   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="height: 100px; vertical-align: top;">           Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).<br/><br/> <table style="width: 100%;"> <tr> <td style="width: 20%;">TOTAL PAGES OF APPLICATION OVER 100 (35 - 100)</td> <td style="width: 15%;">0 ÷ 50</td> <td style="width: 10%;">= 10</td> <td style="width: 10%;">x 250 =</td> <td style="width: 10%;">\$0</td> <td style="width: 35%;"></td> </tr> </table>           †round up to next integer<br/> <table style="width: 100%;"> <tr> <td style="width: 20%;">CLAIMS</td> <td style="width: 15%;">NUMBER FILED</td> <td style="width: 10%;">NUMBER EXTRA</td> <td style="width: 10%;">RATE</td> <td style="width: 10%;">\$</td> <td style="width: 35%;"></td> </tr> <tr> <td>TOTAL CLAIMS</td> <td>20- 20</td> <td>= 0</td> <td>x 50.00 =</td> <td>\$0</td> <td></td> </tr> <tr> <td>INDEPENDENT CLAIMS</td> <td>3- 3</td> <td>= 0</td> <td>x 200.00 =</td> <td>\$0</td> <td></td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S)(if applicable)</td> <td>+ 360.00 =</td> <td>\$</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$1000</td> <td></td> </tr> </table> <input type="checkbox"/> Applicant claims small entity status. 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